Pain 132 (2007) 339–342

PAIN

www.elsevier.com/locate/pain

# Author Index to Volume 132 (2007)

Accius, B.E., see Berkley, K.J., **132** S150
Adwanikar, H., Ji, G., Li, W., Doods, H., Willis, W.D., Neugebauer, V., Spinal CGRP1 receptors contribute to supraspinally organized pain behavior and pain-related sensitization of amygdala neurons, **132** 53
Ahn, D.K., Choi, H.S., Yeo, S.P., Woo, Y.W., Lee, M.K., Yang, G.Y., Jeon, H.J., Park, J.S., Mokha, S.S., Blockade of central cyclooxygenase (COX) pathways enhances the cannabinoid-induced antinociceptive effects on inflammatory temporomandibular joint (TMJ) nociception, **132** 23
Alda, M., see Garcia-Campayo, J., **132** S68
Alessandri-Haber, N., see Joseph, E.K., **132** 67
Allchorne, A., see Jones, E., **132** 321
Aloisi, A.M., Bachiocco, V., Costantino, A., Stefani, R., Ceccarelli, I., Bertaccini, A., Meriggiola, M.C., Cross-sex hormone administration changes pain in transsexual women and men, **132** S60
Ambriz-Tututi, M., Granados-Soto, V., Oral and spinal melatonin reduces tactile allodynia in rats *via* activation of $MT_2$ and opioid receptors, **132** 273
Anderson, H., see Jones, E., **132** 321
Apkarian, A.V., see Millecamps, M., **132** 108
Appleby, J.M., see Chizh, B.A., **132** 132
Arendt-Nielsen, L., see Boudreau, S., **132** 169
Arendt-Nielsen, L., see Brinkert, W., **132** S46
Arendt-Nielsen, L., see Cairns, B.E., **132** 33
Arendt-Nielsen, L., see Greenspan, J.D., **132** S26
Ariëns, G.A.M., see Bernaards, C.M., **132** 142
Aylott, M.C., see Chizh, B.A., **132** 132

Bachiocco, V., see Aloisi, A.M., **132** S60
Backonja, M., see Dworkin, R.H., **132** 237
Ballantyne, J., Ballantyne response to Jamison comment on opioid dependence and addiction during opioid treatment of chronic pain [Pain 2007;129:235–255], **132** 219
Ballantyne, J.C., Stephen LaForge, L., Response to Dr. Tulchinsky, **132** 223
Banik, R.K., Aging: Blessing or danger for individuals with painful conditions, **132** 337
Barbanti, P., see Curra, A., **132** 124
Baumgärtner, U., see Greffrath, W., **132** 301
Bennett, M.I., Bouhassira, D., Epidemiology of neuropathic pain: Can we use the screening tools?, **132** 12
Berger, P., see Gray, G., **132** S13
Berkley, K., see Collett, B.J., **132** S1
Berkley, K.J., McAllister, S.L., Accius, B.E., Winnard, K.P., Endometriosis-induced vaginal hyperalgesia in the rat: Effect of estropause, ovariectomy, and estradiol replacement, **132** S150
Berkley, K.J., see Greenspan, J.D., **132** S26
Berkley, K.J., see Nagabukuro, H., **132** S96
Bernaards, C.M., Ariëns, G.A.M., Knol, D.L., Hildebrandt, V.H., The effectiveness of a work style intervention and a lifestyle physical activity intervention on the recovery from neck and upper limb symptoms in computer workers, **132** 142
Berra, H.H., see Millecamps, M., **132** 108
Bertaccini, A., see Aloisi, A.M., **132** S60
Biasiotta, A., see Truini, A., **132** 102
Birklein, F., see Üçeyler, N., **132** 195
Bishop, A., Thomas, E., Foster, N.E., Health care practitioners' attitudes and beliefs about low back pain: A systematic search and critical review of available measurement tools, **132** 91
Bogdahn, U., see Schmidt-Wilcke, T., **132** S109
Bogen, O., see Joseph, E.K., **132** 67
Borsook, D., Pain and motor system plasticity, **132** 8
Boudreau, S., Romaniello, A., Wang, K., Svensson, P., Sessle, B.J., Arendt-Nielsen, L., The effects of intra-oral pain on motor cortex neuroplasticity associated with short-term novel tongue-protrusion training in humans, **132** 169
Bouhassira, D., see Bennett, M.I., **132** 12
Brewin, C.R., see Whalley, M.G., **132** 332
Brighina, F., see Valeriani, M., **132** 219
Brinkert, W., Dimcevski, G., Arendt-Nielsen, L., Drewes, A.M., Wilder-Smith, O.H.G., Dysmenorrhoea is associated with hypersensitivity in the sigmoid colon and rectum, **132** S46
Brooke, A.C., see Chizh, B.A., **132** 132
Buchser, E., see Kumar, K., **132** 179
Bullman, J.N., see Chizh, B.A., **132** 132
Buzzi, M.G., see Curra, A., **132** 124

Cairns, B.E., Dong, X., Mann, M.K., Svensson, P., Sessle, B.J., Arendt-Nielsen, L., McErlane, K.M., Systemic administration of monosodium glutamate elevates intramuscular glutamate levels and sensitizes rat masseter muscle afferent fibers, **132** 33
Cano, A., see Johansen, A.B., **132** S86
Casa, F., see Truini, A., **132** 102
Casali, C., see Curra, A., **132** 124
Ceccarelli, I., see Aloisi, A.M., **132** S60
Centeno, M.V., see Millecamps, M., **132** 108
Cherny, N.I., The treatment of neuropathic pain: From hubris to humility, **132** 225
Chizh, B.A., O'Donnell, M.B., Napolitano, A., Wang, J., Brooke, A.C., Aylott, M.C., Bullman, J.N., Gray, E.J., Lai, R.Y., Williams, P.M., Appleby, J.M., The effects of the TRPV1 antagonist SB-705498 on TRPV1 receptor-mediated activity and inflammatory hyperalgesia in humans, **132** 132
Choi, D.S., Choi, D.Y., Whittington, R.A., Nedeljković, S.S., Sudden amnesia resulting in pain relief: The relationship between memory and pain, **132** 206

doi:10.1016/S0304-3959(07)00613-6

Choi, D.Y., see Choi, D.S., **132** 206
Choi, H.S., see Ahn, D.K., **132** 23
Chung, S.K., Price, D.D., Verne, G.N., Robinson, M.E., Revelation of a personal placebo response: Its effects on mood, attitudes and future placebo responding, **132** 281
Collett, B.J., Berkley, K., The IASP Global Year Against Pain in Women, **132** S1
Coppola, G., see Currà, A., **132** 222
Coppola, G., see Curra, A., **132** 124
Costantino, A., see Aloisi, A.M., **132** S60
Craft, R.M., Modulation of pain by estrogens, **132** S3
Craft, R.M., see Greenspan, J.D., **132** S26
Cress, A.E., see King, T., **132** 154
Crombez, G., see Eccleston, C., **132** 233
Cruccu, G., see Currà, A., **132** 222
Cruccu, G., see Curra, A., **132** 124
Cruccu, G., see Truini, A., **132** 102
Currà, A., Pierelli, F., Coppola, G., Cruccu, G., Authors' reply to the letter to the Editor by Valeriani M, Fierro B, Brighina F regarding the published on-line article entitled "Shortened cortical silent period in facial muscles of patients with migraine", Pain 2007;132:124–31, **132** 222
Curra, A., Pierelli, F., Coppola, G., Barbanti, P., Buzzi, M.G., Galeotti, F., Serrao, M., Truini, A., Casali, C., Pauri, F., Cruccu, G., Shortened cortical silent period in facial muscles of patients with migraine, **132** 124

de Rijke, J.M., see van den Beuken-van Everdingen, M.H.J., **132** 312
Dekker, F.W., see Weijenborg, P.T.M., **132** S117
Delaney, A., see Jones, E., **132** 321
Deyo, R.A., see Turner, J.A., **132** 10
Dimcevski, G., see Brinkert, W., **132** S46
Dong, X., see Cairns, B.E., **132** 33
Doods, H., see Adwanikar, H., **132** 53
Dostrovsky, J.O., see Watson, C.P.N., **132** 211
Drewes, A.M., see Brinkert, W., **132** S46
Drummond, P.D., see Frew, A.K., **132** S77
Dworkin, R.H., O'Connor, A.B., Backonja, M., Farrar, J.T., Finnerup, N.B., Jensen, T.S., Kalso, E.A., Loeser, J.D., Miaskowski, C., Nurmikko, T.J., Portenoy, R.K., Rice, A.S.C., Stacey, B.R., Treede, R.-D., Turk, D.C., Wallace, M.S., Pharmacologic management of neuropathic pain: Evidence-based recommendations, **132** 237

Eager, R.A., see Jones, E., **132** 321
Eberle, T., see Üçeyler, N., **132** 195
Eccleston, C., Crombez, G., Worry and chronic pain: A misdirected problem solving model, **132** 233
Edwards, S.R., see Nielsen, C.K., **132** 289
Eisenberg, E., see Kumar, K., **132** 179
Eldabe, S., see Kumar, K., **132** 179
Evans, S., Moalem-Taylor, G., Tracey, D.J., Pain and endometriosis, **132** S22

Farmer, E., see Whalley, M.G., **132** 332
Farrar, J.T., see Dworkin, R.H., **132** 237
Feuerstein, M., Workstyle: It's probably time we address both biomechanical and biobehavioral approaches?, **132** 3
Fierro, B., see Valeriani, M., **132** 219
Fillingim, R.B., see Greenspan, J.D., **132** S26
Finnerup, N.B., see Dworkin, R.H., **132** 237
Finne-Soveri, H., Pitkälä, K., Response to Dr. Banik, **132** 338
Fleetwood-Walker, S.M., see Jones, E., **132** 321
Forbes, K., see Reid, C.M., **132** 229
Forrest, C., see Watson, C.P.N., **132** 211
Fortini, G., see Kumar, K., **132** 179
Foster, N.E., see Bishop, A., **132** 91
Frew, A.K., Drummond, P.D., Negative affect, pain and sex: The role of endogenous opioids, **132** S77
Fukudo, S., see Kano, M., **132** 252

Galeotti, F., see Curra, A., **132** 124
Galeotti, F., see Truini, A., **132** 102
Garcia-Campayo, J., Pascual, A., Alda, M., Gonzalez Ramirez, M.T., Coping with fibromialgia: Usefulness of the Chronic Pain Coping Inventory-42, **132** S68
Geisslinger, G., see Lötsch, J., **132** 18
Gold, M.S., see Greenspan, J.D., **132** S26
Gonzalez Ramirez, M.T., see Garcia-Campayo, J., **132** S68
Granados-Soto, V., see Ambriz-Tututi, M., **132** 273
Gray, E.J., see Chizh, B.A., **132** 132
Gray, G., Berger, P., Pain in women with HIV/AIDS, **132** S13
Greenspan, J.D., Craft, R.M., LeResche, L., Arendt-Nielsen, L., Berkley, K.J., Fillingim, R.B., Gold, M.S., Holdcroft, A., Lautenbacher, S., Mayer, E.A., Mogil, J.S., Murphy, A.Z., Traub, R.J., Studying sex and gender differences in pain and analgesia: A consensus report, **132** S26
Greenspan, J.D., see Quiton, R.L., **132** S134
Greeven, A., see Weijenborg, P.T.M., **132** S117
Greffrath, W., Baumgärtner, U., Treede, R.-D., Peripheral and central components of habituation of heat pain perception and evoked potentials in humans, **132** 301
Grunau, R.E., see Holsti, L., **132** 264

Hallak, M., see Ohel, I., **132** S104
Hamaguchi, T., see Kano, M., **132** 252
Hasenau, S.M., see Vallerand, A.H., **132** 82
Hawkins, C., see Watson, C.P.N., **132** 211
Hildebrandt, V.H., see Bernaards, C.M., **132** 142
Holdcroft, A., see Greenspan, J.D., **132** S26
Holsti, L., Grunau, R.E., Initial validation of the Behavioral Indicators of Infant Pain (BIIP), **132** 264
Hooten, W.M., see Weingarten, T.N., **132** 189

Ichida, S., see Kawabata, A., **132** 74
Ishiki, T., see Kawabata, A., **132** 74
Itoh, M., see Kano, M., **132** 252

Jürgens, T., see Schmidt-Wilcke, T., **132** S109
Jacques, L., see Kumar, K., **132** 179
Jamison, R.N., Ross, E.L., Wasan, A.D., Michna, E., Comment on Ballantyne and LaForge, Opioid dependence and addiction during opioid treatment of chronic pain. Pain 2007;129:235–55, **132** 218
Jensen, T.S., see Dworkin, R.H., **132** 237
Jeon, H.J., see Ahn, D.K., **132** 23
Ji, G., see Adwanikar, H., **132** 53
Johansen, A.B., Cano, A., A preliminary investigation of affective interaction in chronic pain couples, **132** S86
Jones, E., Viñuela-Fernandez, I., Eager, R.A., Delaney, A., Anderson, H., Patel, A., Robertson, D.C., Allchorne, A., Sirinathsinghji, E.C., Milne, E.M., MacIntyre, N., Shaw, D.J., Waran, N.K., Mayhew, J., Fleetwood-Walker, S.M., Neuropathic changes in equine laminitis pain, **132** 321
Joseph, E.K., Bogen, O., Alessandri-Haber, N., Levine, J.D., PLC-β3 signals upstream of PKCε in acute and chronic inflammatory hyperalgesia, **132** 67

Kalkman, C.J., see Opstelten, W., **132** S52
Kalso, E., see Kontinen, V.K., **132** 5
Kalso, E., How different is oxycodone from morphine?, **132** 227
Kalso, E.A., see Dworkin, R.H., **132** 237
Kano, M., Hamaguchi, T., Itoh, M., Yanai, K., Fukudo, S., Correlation between alexithymia and hypersensitivity to visceral stimulation in human, **132** 252

Kawabata, A., Ishiki, T., Nagasawa, K., Yoshida, S., Maeda, Y., Takahashi, T., Sekiguchi, F., Wada, T., Ichida, S., Nishikawa, H., Hydrogen sulfide as a novel nociceptive messenger, **132** **132** 74
Kessels, A.G., see van den Beuken-van Everdingen, M.H.J., **132** 312
King, T., Vardanyan, A., Majuta, L., Melemedjian, O., Nagle, R., Cress, A.E., Vanderah, T.W., Lai, J., Porreca, F., Morphine treatment accelerates sarcoma-induced bone pain, bone loss, and spontaneous fracture in a murine model of bone cancer, **132** 154
Klein, T., Magerl, W., Treede, R.-D., Forget about your chronic pain, **132** 16
Knol, D.L., see Bernaards, C.M., **132** 142
Kontinen, V.K., Kalso, E., Of mice and men: What can we predict from the effects of morphine in a mouse model of bone cancer?, **132** 5
Kumar, K., Taylor, R.S., Jacques, L., Eldabe, S., Meglio, M., Molet, J., Thomson, S., O'Callaghan, J., Eisenberg, E., Milbouw, G., Buchser, E., Fortini, G., Richardson, J., North, R.B., Spinal cord stimulation versus conventional medical management for neuropathic pain: A multicentre randomised controlled trial in patients with failed back surgery syndrome, **132** 179

Lötsch, J., Geisslinger, G., Current evidence for a modulation of nociception by human genetic polymorphisms, **132** 18
Lai, J., see King, T., **132** 154
Lai, R.Y., see Chizh, B.A., **132** 132
LaPrairie, J.L., Murphy, A.Z., Female rats are more vulnerable to the long-term consequences of neonatal inflammatory injury, **132** S124
Lautenbacher, S., see Greenspan, J.D., **132** S26
Lavarello, S., see Millecamps, M., **132** 108
Lee, M.K., see Ahn, D.K., **132** 23
Leinisch, E., see Schmidt-Wilcke, T., **132** S109
LeResche, L., see Greenspan, J.D., **132** S26
Levine, J.D., see Joseph, E.K., **132** 67
Li, W., see Adwanikar, H., **132** 53
Locketz, A.J., see Weingarten, T.N., **132** 189
Loeser, J.D., see Dworkin, R.H., **132** 237
Loeser, J.D., see Turner, J.A., **132** 10
Lotfipour, S., see Nielsen, C.K., **132** 289
Luerding, R., see Schmidt-Wilcke, T., **132** S109

MacIntyre, N., see Jones, E., **132** 321
Maeda, Y., see Kawabata, A., **132** 74
Magerl, W., see Klein, T., **132** 16
Majuta, L., see King, T., **132** 154
Mann, M.K., see Cairns, B.E., **132** 33
Manning, D.C., Questions of balance in chronic pain, **132** 14
Mayer, E.A., see Greenspan, J.D., **132** S26
Mayhew, J., see Jones, E., **132** 321
McAllister, S.L., see Berkley, K.J., **132** S150
McErlane, K.M., see Cairns, B.E., **132** 33
Meglio, M., see Kumar, K., **132** 179
Melemedjian, O., see King, T., **132** 154
Melton, L.J., see Weingarten, T.N., **132** 189
Meriggiola, M.C., see Aloisi, A.M., **132** S60
Miaskowski, C., see Dworkin, R.H., **132** 237
Michna, E., see Jamison, R.N., **132** 218
Milbouw, G., see Kumar, K., **132** 179
Millecamps, M., Centeno, M.V., Berra, H.H., Rudick, C.N., Lavarello, S., Tkatch, T., Apkarian, A.V., D-Cycloserine reduces neuropathic pain behavior through limbic NMDA-mediated circuitry, **132** 108
Milne, E.M., see Jones, E., **132** 321
Moalem-Taylor, G., see Evans, S., **132** S22
Mogil, J.S., see Greenspan, J.D., **132** S26
Mokha, S.S., see Ahn, D.K., **132** 23
Molet, J., see Kumar, K., **132** 179
Moons, K.G.M., see Opstelten, W., **132** S52
Morley, S., Thanks for the memory..., **132** 231
Murphy, A.Z., see Greenspan, J.D., **132** S26
Murphy, A.Z., see LaPrairie, J.L., **132** S124

Nagabukuro, H., Berkley, K.J., Influence of endometriosis on visceromotor and cardiovascular responses induced by vaginal distention in the rat, **132** S96
Nagasawa, K., see Kawabata, A., **132** 74
Nagle, R., see King, T., **132** 154
Napolitano, A., see Chizh, B.A., **132** 132
Nedeljković, S.S., see Choi, D.S., **132** 206
Neugebauer, V., see Adwanikar, H., **132** 53
Nielsen, C.K., Ross, F.B., Lotfipour, S., Saini, K.S., Edwards, S.R., Smith, M.T., Oxycodone and morphine have distinctly different pharmacological profiles: Radioligand binding and behavioural studies in two rat models of neuropathic pain, **132** 289
Nishikawa, H., see Kawabata, A., **132** 74
North, R.B., see Kumar, K., **132** 179
Nurmikko, T.J., see Dworkin, R.H., **132** 237

O'Callaghan, J., see Kumar, K., **132** 179
O'Connor, A.B., see Dworkin, R.H., **132** 237
O'Donnell, M.B., see Chizh, B.A., **132** 132
Ohel, I., Walfisch, A., Shitenberg, D., Sheiner, E., Hallak, M., A rise in pain threshold during labor: A prospective clinical trial, **132** S104
Opstelten, W., Zuithoff, N.P.A., van Essen, G.A., van Loon, A.M., van Wijck, A.J.M., Kalkman, C.J., Verheij, T.J.M., Moons, K.G.M., Predicting postherpetic neuralgia in elderly primary care patients with herpes zoster: Prospective prognostic study, **132** S52

Park, J.S., see Ahn, D.K., **132** 23
Pascual, A., see Garcia-Campayo, J., **132** S68
Patel, A., see Jones, E., **132** 321
Patijn, J., see van den Beuken-van Everdingen, M.H.J., **132** 312
Pauri, F., see Curra, A., **132** 124
Pennisi, E., see Truini, A., **132** 102
Peters, A.A.W., see Weijenborg, P.T.M., **132** S117
Pierelli, F., see Currà, A., **132** 222
Pierelli, F., see Curra, A., **132** 124
Pitkälä, K., see Finne-Soveri, H., **132** 338
Porreca, F., see King, T., **132** 154
Portenoy, R.K., see Dworkin, R.H., **132** 237
Prado, W.A., see Villarreal, C.F., **132** 42
Price, D.D., see Chung, S.K., **132** 281

Quiton, R.L., Greenspan, J.D., Sex differences in endogenous pain modulation by distracting and painful conditioning stimulation, **132** S134

Reid, C.M., Forbes, K., Pain in patients with cancer: Still a long way to go, **132** 229
Rice, A.S.C., see Dworkin, R.H., **132** 237
Richardson, J., see Kumar, K., **132** 179
Riley-Doucet, C., see Vallerand, A.H., **132** 82
Robertson, D.C., see Jones, E., **132** 321
Robinson, M.E., see Chung, S.K., **132** 281
Rolke, R., see Üçeyler, N., **132** 195
Romaniello, A., see Boudreau, S., **132** 169
Ross, E.L., see Jamison, R.N., **132** 218
Ross, F.B., see Nielsen, C.K., **132** 289
Rudick, C.N., see Millecamps, M., **132** 108
Rutka, J., see Watson, C.P.N., **132** 211

Saini, K.S., see Nielsen, C.K., **132** 289
Schmidt-Wilcke, T., Luerding, R., Weigand, T., Jürgens, T., Schuierer, G., Leinisch, E., Bogdahn, U., Striatal grey matter increase in patients suffering from fibromyalgia – A voxel-based morphometry study, **132** S109

Schouten, H.C., see van den Beuken-van Everdingen, M.H.J., **132** 312
Schuierer, G., see Schmidt-Wilcke, T., **132** S109
Sekiguchi, F., see Kawabata, A., **132** 74
Serrao, M., see Curra, A., **132** 124
Sessle, B.J., see Boudreau, S., **132** 169
Sessle, B.J., see Cairns, B.E., **132** 33
Shaw, D.J., see Jones, E., **132** 321
Sheiner, E., see Ohel, I., **132** S104
Shitenberg, D., see Ohel, I., **132** S104
Sirinathsinghji, E.C., see Jones, E., **132** 321
Smith, M.T., see Nielsen, C.K., **132** 289
Sommer, C., see Üçeyler, N., **132** 195
Stacey, B.R., see Dworkin, R.H., **132** 237
Stefani, R., see Aloisi, A.M., **132** S60
Stephen LaForge, L., see Ballantyne, J.C., **132** 223
Stinson, J.N., see Watson, C.P.N., **132** 211
Svensson, P., see Boudreau, S., **132** 169
Svensson, P., see Cairns, B.E., **132** 33

Takahashi, T., see Kawabata, A., **132** 74
Taylor, R.S., see Kumar, K., **132** 179
Templin, T., see Vallerand, A.H., **132** 82
ter Kuile, M.M., see Weijenborg, P.T.M., **132** S117
Thomas, E., see Bishop, A., **132** 91
Thomson, S., see Kumar, K., **132** 179
Tkatch, T., see Millecamps, M., **132** 108
Tracey, D.J., see Evans, S., **132** S22
Traub, R.J., see Greenspan, J.D., **132** S26
Treede, R.-D., see Dworkin, R.H., **132** 237
Treede, R.-D., see Greffrath, W., **132** 301
Treede, R.-D., see Klein, T., **132** 16
Truini, A., Galeotti, F., Pennisi, E., Casa, F., Biasiotta, A., Cruccu, G., Trigeminal small-fibre function assessed with contact heat evoked potentials in humans, **132** 102
Truini, A., see Curra, A., **132** 124
Tulchinsky, A., Comment on Ballantyne JC, LaForge KS. Opioid dependence and addiction during opioid treatment of chronic pain, **132** 222
Turk, D.C., see Dworkin, R.H., **132** 237
Turner, J.A., Deyo, R.A., Loeser, J.D., Spinal cord stimulation: Stimulating questions, **132** 10

Üçeyler, N., Eberle, T., Rolke, R., Birklein, F., Sommer, C., Differential expression patterns of cytokines in complex regional pain syndrome, **132** 195

Valeriani, M., Fierro, B., Brighina, F., Brain excitability in migraine: Hyperexcitability or inhibited inhibition?, **132** 219
Vallerand, A.H., Templin, T., Hasenau, S.M., Riley-Doucet, C., Factors that affect functional status in patients with cancer-related pain, **132** 82
van den Beuken-van Everdingen, M.H.J., de Rijke, J.M., Kessels, A.G., Schouten, H.C., van Kleef, M., Patijn, J., High prevalence of pain in patients with cancer in a large population-based study in The Netherlands, **132** 312
van Essen, G.A., see Opstelten, W., **132** S52
van Kleef, M., see van den Beuken-van Everdingen, M.H.J., **132** 312
van Loon, A.M., see Opstelten, W., **132** S52
van Wijck, A.J.M., see Opstelten, W., **132** S52
Vanderah, T.W., see King, T., **132** 154
Vardanyan, A., see King, T., **132** 154
Varrassi, G., Paolo Procacci (1932–2007), **132** 1
Verheij, T.J.M., see Opstelten, W., **132** S52
Verne, G.N., see Chung, S.K., **132** 281
Viñuela-Fernandez, I., see Jones, E., **132** 321
Villarreal, C.F., Prado, W.A., Modulation of persistent nociceptive inputs in the anterior pretectal nucleus of the rat, **132** 42

Wada, T., see Kawabata, A., **132** 74
Walfisch, A., see Ohel, I., **132** S104
Wallace, M.S., see Dworkin, R.H., **132** 237
Wang, J., see Chizh, B.A., **132** 132
Wang, K., see Boudreau, S., **132** 169
Waran, N.K., see Jones, E., **132** 321
Wasan, A.D., see Jamison, R.N., **132** 218
Watson, C.P.N., Stinson, J.N., Dostrovsky, J.O., Hawkins, C., Rutka, J., Forrest, C., Nerve resection and re-location may relieve causalgia: A case report, **132** 211
Watson, J.C., see Weingarten, T.N., **132** 189
Weigand, T., see Schmidt-Wilcke, T., **132** S109
Weijenborg, P.T.M., Greeven, A., Dekker, F.W., Peters, A.A.W., ter Kuile, M.M., Clinical course of chronic pelvic pain in women, **132** S117
Weingarten, T.N., Watson, J.C., Hooten, W.M., Wollan, P.C., Melton, L.J., Locketz, A.J., Wong, G.Y., Yawn, B.P., Validation of the S-LANSS in the community setting, **132** 189
Whalley, M.G., Farmer, E., Brewin, C.R., Pain flashbacks following the July 7th 2005 London bombings, **132** 332
Whittington, R.A., see Choi, D.S., **132** 206
Wilder-Smith, O.H.G., see Brinkert, W., **132** S46
Williams, P.M., see Chizh, B.A., **132** 132
Willis, W.D., see Adwanikar, H., **132** 53
Winnard, K.P., see Berkley, K.J., **132** S150
Wollan, P.C., see Weingarten, T.N., **132** 189
Wong, G.Y., see Weingarten, T.N., **132** 189
Woo, Y.W., see Ahn, D.K., **132** 23

Yanai, K., see Kano, M., **132** 252
Yang, G.Y., see Ahn, D.K., **132** 23
Yawn, B.P., see Weingarten, T.N., **132** 189
Yeo, S.P., see Ahn, D.K., **132** 23
Yoshida, S., see Kawabata, A., **132** 74

Zuithoff, N.P.A., see Opstelten, W., **132** S52

Pain 132 (2007) 343–349

PAIN

www.elsevier.com/locate/pain

# Subject Index to Volume 132 (2007)

Acceptance
Worry and chronic pain: A misdirected problem solving model, **132**, 233

Addiction
Sudden amnesia resulting in pain relief: The relationship between memory and pain, **132**, 206

Affect
A preliminary investigation of affective interaction in chronic pain couples, **132**, S86

Afferent fiber
Systemic administration of monosodium glutamate elevates intramuscular glutamate levels and sensitizes rat masseter muscle afferent fibers, **132**, 33

Aging
Endometriosis-induced vaginal hyperalgesia in the rat: Effect of estropause, ovariectomy, and estradiol replacement, **132**, S132, S150

Alexithymia
Correlation between alexithymia and hypersensitivity to visceral stimulation in human, **132**, 252

Allodynia
D-Cycloserine reduces neuropathic pain behavior through limbic NMDA-mediated circuitry, **132**, 108

Amygdala
D-Cycloserine reduces neuropathic pain behavior through limbic NMDA-mediated circuitry, **132**, 108

Amygdala
Spinal CGRP1 receptors contribute to supraspinally organized pain behavior and pain-related sensitization of amygdala neurons, **132**, 53

Analgesia
Revelation of a personal placebo response: Its effects on mood, attitudes and future placebo responding, **132**, 281

Anterior pretectal nucleus
Modulation of persistent nociceptive inputs in the anterior pretectal nucleus of the rat, **132**, 42

Antinociception
Blockade of central cyclooxygenase (COX) pathways enhances the cannabinoid-induced antinociceptive effects on inflammatory temporomandibular joint (TMJ) nociception, **132**, 23

Arthritic pain
Spinal CGRP1 receptors contribute to supraspinally organized pain behavior and pain-related sensitization of amygdala neurons, **132**, 53

Assessment
Initial validation of the Behavioral Indicators of Infant Pain (BIIP), **132**, 264

ATF3
Neuropathic changes in equine laminitis pain, **132**, 321

Attention
Worry and chronic pain: A misdirected problem solving model, **132**, 233

Attitudes and beliefs
Health care practitioners' attitudes and beliefs about low back pain: A systematic search and critical review of available measurement tools, **132**, 91

Audible vocalizations
Spinal CGRP1 receptors contribute to supraspinally organized pain behavior and pain-related sensitization of amygdala neurons, **132**, 53

Aversion
D-Cycloserine reduces neuropathic pain behavior through limbic NMDA-mediated circuitry, **132**, 108

Barostat
Dysmenorrhoea is associated with hypersensitivity in the sigmoid colon and rectum, **132**, S46

Behavioural change
The effectiveness of a work style intervention and a lifestyle physical activity intervention on the recovery from neck and upper limb symptoms in computer workers, **132**, 142

BIBN4096BS
Spinal CGRP1 receptors contribute to supraspinally organized pain behavior and pain-related sensitization of amygdala neurons, **132**, 53

Calcitonin gene-related peptide
Spinal CGRP1 receptors contribute to supraspinally organized pain behavior and pain-related sensitization of amygdala neurons, **132**, 53

Cancer
Morphine treatment accelerates sarcoma-induced bone pain, bone loss, and spontaneous fracture in a murine model of bone cancer, **132**, 154

Cancer pain
Factors that affect functional status in patients with cancer-related pain, **132**, 82

Cancer pain
High prevalence of pain in patients with cancer in a large population-based study in The Netherlands, **132**, 312

Cancer pain
Morphine treatment accelerates sarcoma-induced bone pain, bone loss, and spontaneous fracture in a murine model of bone cancer, **132**, 154

Cannabinoid
Blockade of central cyclooxygenase (COX) pathways enhances the cannabinoid-induced antinociceptive effects on inflammatory temporomandibular joint (TMJ) nociception, **132**, 23

Capsaicin
The effects of the TRPV1 antagonist SB-705498 on TRPV1 receptor-mediated activity and inflammatory hyperalgesia in humans, **132**, 132

doi:10.1016/S0304-3959(07)00614-8

Causalgia
Nerve resection and re-location may relieve causalgia: A case report, **132**, 211
Central sensitization
Spinal CGRP1 receptors contribute to supraspinally organized pain behavior and pain-related sensitization of amygdala neurons, **132**, 53
Chronic constriction injury (CCI)
Oxycodone and morphine have distinctly different pharmacological profiles: Radioligand binding and behavioural studies in two rat models of neuropathic pain, **132**, 289
Chronic pain
Differential expression patterns of cytokines in complex regional pain syndrome, **132**, 195
Chronic pain
Sudden amnesia resulting in pain relief: The relationship between memory and pain, **132**, 206
Chronic pain
Worry and chronic pain: A misdirected problem solving model, **132**, 233
Chronic pain
A preliminary investigation of affective interaction in chronic pain couples, **132**, S86
Chronic pain
Striatal grey matter increase in patients suffering from fibromyalgia – A voxel-based morphometry study, **132**, S109
Chronic pelvic pain
Clinical course of chronic pelvic pain in women, **132**, S117
Clinical course
Clinical course of chronic pelvic pain in women, **132**, S117
Computer workers
The effectiveness of a work style intervention and a lifestyle physical activity intervention on the recovery from neck and upper limb symptoms in computer workers, **132**, 142
Contact heat evoked potentials
Trigeminal small-fibre function assessed with contact heat evoked potentials in humans, **132**, 102
Contact-heat evoked potentials
Peripheral and central components of habituation of heat pain perception and evoked potentials in humans, **132**, 301
Coping
Coping with fibromialgia: Usefulness of the Chronic Pain Coping Inventory-42, **132**, S68
Cortical excitability
Shortened cortical silent period in facial muscles of patients with migraine, **132**, 124
Cortical inhibition
Shortened cortical silent period in facial muscles of patients with migraine, **132**, 124
Cortical neuroplasticity
The effects of intra-oral pain on motor cortex neuroplasticity associated with short-term novel tongue-protrusion training in humans, **132**, 169
Couples
A preliminary investigation of affective interaction in chronic pain couples, **132**, S86
COX inhibitor
Blockade of central cyclooxygenase (COX) pathways enhances the cannabinoid-induced antinociceptive effects on inflammatory temporomandibular joint (TMJ) nociception, **132**, 23
CPCI
Coping with fibromialgia: Usefulness of the Chronic Pain Coping Inventory-42, **132**, S68
CRPS
Differential expression patterns of cytokines in complex regional pain syndrome, **132**, 195
Cytokines
Differential expression patterns of cytokines in complex regional pain syndrome, **132**, 195
Depression
Worry and chronic pain: A misdirected problem solving model, **132**, 233
Depression
A preliminary investigation of affective interaction in chronic pain couples, **132**, S86
Descending pain control
Modulation of persistent nociceptive inputs in the anterior pretectal nucleus of the rat, **132**, 42
Developing countries
Pain in women with HIV/AIDS, **132**, S13
Disability
Worry and chronic pain: A misdirected problem solving model, **132**, 233
Discouragement
Negative affect, pain and sex: The role of endogenous opioids, **132**, S77
Distraction
Sex differences in endogenous pain modulation by distracting and painful conditioning stimulation, **132**, S134
DNIC
Sex differences in endogenous pain modulation by distracting and painful conditioning stimulation, **132**, S134
Dolorimeter
A rise in pain threshold during labor: A prospective clinical trial, **132**, S104
Dorsal root ganglion
Neuropathic changes in equine laminitis pain, **132**, 321
Dysmenorrhoea
Dysmenorrhoea is associated with hypersensitivity in the sigmoid colon and rectum, **132**, S46
Elderly
Predicting postherpetic neuralgia in elderly primary care patients with herpes zoster: Prospective prognostic study, **132**, S52
Electroconvulsive therapy
Sudden amnesia resulting in pain relief: The relationship between memory and pain, **132**, 206
Electrophysiology
Spinal CGRP1 receptors contribute to supraspinally organized pain behavior and pain-related sensitization of amygdala neurons, **132**, 53
Emotional perception
Correlation between alexithymia and hypersensitivity to visceral stimulation in human, **132**, 252
Endogenous analgesia
Sex differences in endogenous pain modulation by distracting and painful conditioning stimulation, **132**, S134
β-Endorphins
Oral and spinal melatonin reduces tactile allodynia in rats *via* activation of $MT_2$ and opioid receptors, **132**, 273
Epidemiology
High prevalence of pain in patients with cancer in a large population-based study in The Netherlands, **132**, 312
Equine laminitis
Neuropathic changes in equine laminitis pain, **132**, 321
Estradiol
Modulation of pain by estrogens, **132**, S3
Estrogens
Studying sex and gender differences in pain and analgesia: A consensus report, **132**, S26
Estrous cycle
Endometriosis-induced vaginal hyperalgesia in the rat: Effect of estropause, ovariectomy, and estradiol replacement, **132**, S150

Estrous cycle
Influence of endometriosis on visceromotor and cardiovascular responses induced by vaginal distention in the rat, **132**, S96
Ethics
Revelation of a personal placebo response: Its effects on mood, attitudes and future placebo responding, **132**, 281
Evidence-based recommendations
Pharmacologic management of neuropathic pain: Evidence-based recommendations, **132**, 237
Expectation
Revelation of a personal placebo response: Its effects on mood, attitudes and future placebo responding, **132**, 281
Experimental pain
Dysmenorrhoea is associated with hypersensitivity in the sigmoid colon and rectum, **132**, S46
Failed back surgery syndrome
Spinal cord stimulation versus conventional medical management for neuropathic pain: A multicentre randomised controlled trial in patients with failed back surgery syndrome, **132**, 179
Fatigue
Peripheral and central components of habituation of heat pain perception and evoked potentials in humans, **132**, 301
Fear
Worry and chronic pain: A misdirected problem solving model, **132**, 233
Fear extinction
D-Cycloserine reduces neuropathic pain behavior through limbic NMDA-mediated circuitry, **132**, 108
Female nociception
Dysmenorrhoea is associated with hypersensitivity in the sigmoid colon and rectum, **132**, S46
Fibromyalgia
Coping with fibromialgia: Usefulness of the Chronic Pain Coping Inventory-42, **132**, S68
Fibromyalgia
Striatal grey matter increase in patients suffering from fibromyalgia – A voxel-based morphometry study, **132**, S109
Flashback
Pain flashbacks following the July 7th 2005 London bombings, **132**, 332
Formalin
Blockade of central cyclooxygenase (COX) pathways enhances the cannabinoid-induced antinociceptive effects on inflammatory temporomandibular joint (TMJ) nociception, **132**, 23
Functional status
Factors that affect functional status in patients with cancer-related pain, **132**, 82
Gasotransmitter
Hydrogen sulfide as a novel nociceptive messenger, **132**, 74
Glutamate
Systemic administration of monosodium glutamate elevates intramuscular glutamate levels and sensitizes rat masseter muscle afferent fibers, **132**, 33
Gonadal hormones
Studying sex and gender differences in pain and analgesia: A consensus report, **132**, S26
Health care practitioners
Health care practitioners' attitudes and beliefs about low back pain: A systematic search and critical review of available measurement tools, **132**, 91
Heat
The effects of the TRPV1 antagonist SB-705498 on TRPV1 receptor-mediated activity and inflammatory hyperalgesia in humans, **132**, 132
Herpes zoster
Predicting postherpetic neuralgia in elderly primary care patients with herpes zoster: Prospective prognostic study, **132**, S52
Human
The effects of the TRPV1 antagonist SB-705498 on TRPV1 receptor-mediated activity and inflammatory hyperalgesia in humans, **132**, 132
Hydrogen sulfide
Hydrogen sulfide as a novel nociceptive messenger, **132**, 74
Hyperalgesia
Blockade of central cyclooxygenase (COX) pathways enhances the cannabinoid-induced antinociceptive effects on inflammatory temporomandibular joint (TMJ) nociception, **132**, 23
Hyperalgesia
Hydrogen sulfide as a novel nociceptive messenger, **132**, 74
Hyperalgesia
PLC-β3 signals upstream of PKCε in acute and chronic inflammatory hyperalgesia, **132**, 67
Hyperalgesia
The effects of the TRPV1 antagonist SB-705498 on TRPV1 receptor-mediated activity and inflammatory hyperalgesia in humans, **132**, 132
Hypersensitivity
Correlation between alexithymia and hypersensitivity to visceral stimulation in human, **132**, 252
Hypervigilance
Worry and chronic pain: A misdirected problem solving model, **132**, 233
IL-1
Morphine treatment accelerates sarcoma-induced bone pain, bone loss, and spontaneous fracture in a murine model of bone cancer, **132**, 154
Infant
Initial validation of the Behavioral Indicators of Infant Pain (BIIP), **132**, 264
Inflammation
The effects of the TRPV1 antagonist SB-705498 on TRPV1 receptor-mediated activity and inflammatory hyperalgesia in humans, **132**, 132
Inflammation
Female rats are more vulnerable to the long-term consequences of neonatal inflammatory injury, **132**, S124
Interleukins
Differential expression patterns of cytokines in complex regional pain syndrome, **132**, 195
Intestinal hyperalgesia
Dysmenorrhoea is associated with hypersensitivity in the sigmoid colon and rectum, **132**, S46
Irritable bowel syndrome
Dysmenorrhoea is associated with hypersensitivity in the sigmoid colon and rectum, **132**, S46
Knowledge, attitudes and barriers about pain
Factors that affect functional status in patients with cancer-related pain, **132**, 82
Laser evoked potentials
Trigeminal small-fibre function assessed with contact heat evoked potentials in humans, **132**, 102
Laser-evoked potentials
Peripheral and central components of habituation of heat pain perception and evoked potentials in humans, **132**, 301
Lifestyle physical activity intervention
The effectiveness of a work style intervention and a lifestyle physical activity intervention on the recovery from neck and upper limb symptoms in computer workers, **132**, 142
Marital interaction
A preliminary investigation of affective interaction in chronic pain couples, **132**, S86
Marriage
A preliminary investigation of affective interaction in chronic pain couples, **132**, S86

Masseter muscle
Systemic administration of monosodium glutamate elevates intramuscular glutamate levels and sensitizes rat masseter muscle afferent fibers, **132**, 33
Mechanical threshold
Systemic administration of monosodium glutamate elevates intramuscular glutamate levels and sensitizes rat masseter muscle afferent fibers, **132**, 33
Melatonin
Oral and spinal melatonin reduces tactile allodynia in rats *via* activation of $MT_2$ and opioid receptors, **132**, 273
Memory
Pain flashbacks following the July 7th 2005 London bombings, **132**, 332
Migraine
Shortened cortical silent period in facial muscles of patients with migraine, **132**, 124
Morphine
Oxycodone and morphine have distinctly different pharmacological profiles: Radioligand binding and behavioural studies in two rat models of neuropathic pain, **132**, 289
Motor task
The effects of intra-oral pain on motor cortex neuroplasticity associated with short-term novel tongue-protrusion training in humans, **132**, 169
MSG
Systemic administration of monosodium glutamate elevates intramuscular glutamate levels and sensitizes rat masseter muscle afferent fibers, **132**, 33
$MT_2$ receptors
Oral and spinal melatonin reduces tactile allodynia in rats *via* activation of $MT_2$ and opioid receptors, **132**, 273
Muscle hyperalgesia
Influence of endometriosis on visceromotor and cardiovascular responses induced by vaginal distention in the rat, **132**, S96
Muscle pain
Systemic administration of monosodium glutamate elevates intramuscular glutamate levels and sensitizes rat masseter muscle afferent fibers, **132**, 33
Naltrexone
Negative affect, pain and sex: The role of endogenous opioids, **132**, S77
Neck and upper limb symptoms
The effectiveness of a work style intervention and a lifestyle physical activity intervention on the recovery from neck and upper limb symptoms in computer workers, **132**, 142
Neonate
Female rats are more vulnerable to the long-term consequences of neonatal inflammatory injury, **132**, S124
Nerve section
Nerve resection and re-location may relieve causalgia: A case report, **132**, 211
Neural plasticity
Striatal grey matter increase in patients suffering from fibromyalgia – A voxel-based morphometry study, **132**, S109
Neuronal injury marker
Neuropathic changes in equine laminitis pain, **132**, 321
Neuropathic pain
Nerve resection and re-location may relieve causalgia: A case report, **132**, 211
Neuropathic pain
Neuropathic changes in equine laminitis pain, **132**, 321
Neuropathic pain
Oral and spinal melatonin reduces tactile allodynia in rats *via* activation of $MT_2$ and opioid receptors, **132**, 273
Neuropathic pain
Pharmacologic management of neuropathic pain: Evidence-based recommendations, **132**, 237
Neuropathic pain
Spinal cord stimulation versus conventional medical management for neuropathic pain: A multicentre randomised controlled trial in patients with failed back surgery syndrome, **132**, 179
Neuropathic pain
Trigeminal small-fibre function assessed with contact heat evoked potentials in humans, **132**, 102
Neuropathic pain
Validation of the S-LANSS in the community setting, **132**, 189
Neurostimulation
Spinal cord stimulation versus conventional medical management for neuropathic pain: A multicentre randomised controlled trial in patients with failed back surgery syndrome, **132**, 179
NMDA receptor
D-Cycloserine reduces neuropathic pain behavior through limbic NMDA-mediated circuitry, **132**, 108
Nociception
Hydrogen sulfide as a novel nociceptive messenger, **132**, 74
Nociception
Spinal CGRP1 receptors contribute to supraspinally organized pain behavior and pain-related sensitization of amygdala neurons, **132**, 53
Nociception
Modulation of pain by estrogens, **132**, S3
Nociceptor
Peripheral and central components of habituation of heat pain perception and evoked potentials in humans, **132**, 301
NR2B
D-Cycloserine reduces neuropathic pain behavior through limbic NMDA-mediated circuitry, **132**, 108
Opiate receptors
Morphine treatment accelerates sarcoma-induced bone pain, bone loss, and spontaneous fracture in a murine model of bone cancer, **132**, 154
Opioid dependence
Sudden amnesia resulting in pain relief: The relationship between memory and pain, **132**, 206
Opioid hyperalgesia
Morphine treatment accelerates sarcoma-induced bone pain, bone loss, and spontaneous fracture in a murine model of bone cancer, **132**, 154
Opioid neurotransmission
Negative affect, pain and sex: The role of endogenous opioids, **132**, S77
$\kappa_2$-opioid receptors
Oxycodone and morphine have distinctly different pharmacological profiles: Radioligand binding and behavioural studies in two rat models of neuropathic pain, **132**, 289
Osteoclast
Morphine treatment accelerates sarcoma-induced bone pain, bone loss, and spontaneous fracture in a murine model of bone cancer, **132**, 154
Oxotremorine
Modulation of persistent nociceptive inputs in the anterior pretectal nucleus of the rat, **132**, 42
Oxycodone
Oxycodone and morphine have distinctly different pharmacological profiles: Radioligand binding and behavioural studies in two rat models of neuropathic pain, **132**, 289
Pain
Hydrogen sulfide as a novel nociceptive messenger, **132**, 74
Pain
Initial validation of the Behavioral Indicators of Infant Pain (BIIP), **132**, 264
Pain
Pain flashbacks following the July 7th 2005 London bombings, **132**, 332

Pain
The effects of intra-oral pain on motor cortex neuroplasticity associated with short-term novel tongue-protrusion training in humans, **132**, 169
Pain
Worry and chronic pain: A misdirected problem solving model, **132**, 233
Pain
Cross-sex hormone administration changes pain in transsexual women and men, **132**, S60
Pain
Dysmenorrhoea is associated with hypersensitivity in the sigmoid colon and rectum, **132**, S46
Pain
Female rats are more vulnerable to the long-term consequences of neonatal inflammatory injury, **132**, S124
Pain
Sex differences in endogenous pain modulation by distracting and painful conditioning stimulation, **132**, S134
Pain memory
Sudden amnesia resulting in pain relief: The relationship between memory and pain, **132**, 206
Pain questionnaires
Cross-sex hormone administration changes pain in transsexual women and men, **132**, S60
Pain severity
A preliminary investigation of affective interaction in chronic pain couples, **132**, S86
Pain threshold
A rise in pain threshold during labor: A prospective clinical trial, **132**, S104
Pain treatment
High prevalence of pain in patients with cancer in a large population-based study in The Netherlands, **132**, 312
Painful diabetic neuropathy
Oxycodone and morphine have distinctly different pharmacological profiles: Radioligand binding and behavioural studies in two rat models of neuropathic pain, **132**, 289
Pain-related distress
Factors that affect functional status in patients with cancer-related pain, **132**, 82
Pelvic pain
Endometriosis-induced vaginal hyperalgesia in the rat: Effect of estropause, ovariectomy, and estradiol replacement, **132**, S150
Pelvic pain
Influence of endometriosis on visceromotor and cardiovascular responses induced by vaginal distention in the rat, **132**, S96
Perceived control over pain
Factors that affect functional status in patients with cancer-related pain, **132**, 82
Persistent pain
Modulation of persistent nociceptive inputs in the anterior pretectal nucleus of the rat, **132**, 42
PET
Correlation between alexithymia and hypersensitivity to visceral stimulation in human, **132**, 252
Pharmacologic management
Pharmacologic management of neuropathic pain: Evidence-based recommendations, **132**, 237
Phospholipase Cβ
PLC-β3 signals upstream of PKCε in acute and chronic inflammatory hyperalgesia, **132**, 67
Placebo
Revelation of a personal placebo response: Its effects on mood, attitudes and future placebo responding, **132**, 281
Postherpetic neuralgia
Predicting postherpetic neuralgia in elderly primary care patients with herpes zoster: Prospective prognostic study, **132**, S52
Post-incision pain
Modulation of persistent nociceptive inputs in the anterior pretectal nucleus of the rat, **132**, 42
Post-traumatic stress disorder
Pain flashbacks following the July 7th 2005 London bombings, **132**, 332
Prediction
Predicting postherpetic neuralgia in elderly primary care patients with herpes zoster: Prospective prognostic study, **132**, S52
Predictors
Clinical course of chronic pelvic pain in women, **132**, S117
Prefrontal cortex
D-Cycloserine reduces neuropathic pain behavior through limbic NMDA-mediated circuitry, **132**, 108
Premature
Initial validation of the Behavioral Indicators of Infant Pain (BIIP), **132**, 264
Pressor response
Influence of endometriosis on visceromotor and cardiovascular responses induced by vaginal distention in the rat, **132**, S96
Primary sensory neuron
Peripheral and central components of habituation of heat pain perception and evoked potentials in humans, **132**, 301
Priming
PLC-β3 signals upstream of PKCε in acute and chronic inflammatory hyperalgesia, **132**, 67
Problem solving
Worry and chronic pain: A misdirected problem solving model, **132**, 233
Prognosis
Predicting postherpetic neuralgia in elderly primary care patients with herpes zoster: Prospective prognostic study, **132**, S52
Protein kinase Cε
PLC-β3 signals upstream of PKCε in acute and chronic inflammatory hyperalgesia, **132**, 67
Psychological stress
Negative affect, pain and sex: The role of endogenous opioids, **132**, S77
PTSD
Pain flashbacks following the July 7th 2005 London bombings, **132**, 332
Quantitative sensory testing
Differential expression patterns of cytokines in complex regional pain syndrome, **132**, 195
Questionnaire
Validation of the S-LANSS in the community setting, **132**, 189
Radicular pain
Spinal cord stimulation versus conventional medical management for neuropathic pain: A multicentre randomised controlled trial in patients with failed back surgery syndrome, **132**, 179
Radioligand binding
Oxycodone and morphine have distinctly different pharmacological profiles: Radioligand binding and behavioural studies in two rat models of neuropathic pain, **132**, 289
Randomised controlled study
Spinal cord stimulation versus conventional medical management for neuropathic pain: A multicentre randomised controlled trial in patients with failed back surgery syndrome, **132**, 179
Randomized clinical trials
Pharmacologic management of neuropathic pain: Evidence-based recommendations, **132**, 237
Recovery
Clinical course of chronic pelvic pain in women, **132**, S117

Referred pain
Influence of endometriosis on visceromotor and cardiovascular responses induced by vaginal distention in the rat, **132**, S96
Serotonin
Modulation of persistent nociceptive inputs in the anterior pretectal nucleus of the rat, **132**, 42
Sex
Sex differences in endogenous pain modulation by distracting and painful conditioning stimulation, **132**, S134
Sex differences
Cross-sex hormone administration changes pain in transsexual women and men, **132**, S60
Sex differences
Female rats are more vulnerable to the long-term consequences of neonatal inflammatory injury, **132**, S124
Sex differences
Modulation of pain by estrogens, **132**, S3
Sex differences
Studying sex and gender differences in pain and analgesia: A consensus report, **132**, S26
Sex effects
Negative affect, pain and sex: The role of endogenous opioids, **132**, S77
Sex hormones
Cross-sex hormone administration changes pain in transsexual women and men, **132**, S60
Silent period
Shortened cortical silent period in facial muscles of patients with migraine, **132**, 124
Skin blood flow
The effects of the TRPV1 antagonist SB-705498 on TRPV1 receptor-mediated activity and inflammatory hyperalgesia in humans, **132**, 132
S-LANSS
Validation of the S-LANSS in the community setting, **132**, 189
Spinal cord stimulation
Spinal cord stimulation versus conventional medical management for neuropathic pain: A multicentre randomised controlled trial in patients with failed back surgery syndrome, **132**, 179
Spinal processing
Oral and spinal melatonin reduces tactile allodynia in rats *via* activation of $MT_2$ and opioid receptors, **132**, 273
Spino-parabrachio-amygdaloid pain pathway
Spinal CGRP1 receptors contribute to supraspinally organized pain behavior and pain-related sensitization of amygdala neurons, **132**, 53
Spouses
A preliminary investigation of affective interaction in chronic pain couples, **132**, S86
Status epilepticus
Sudden amnesia resulting in pain relief: The relationship between memory and pain, **132**, 206
Streptozotocin (STZ)
Oxycodone and morphine have distinctly different pharmacological profiles: Radioligand binding and behavioural studies in two rat models of neuropathic pain, **132**, 289
Stress
Sex differences in endogenous pain modulation by distracting and painful conditioning stimulation, **132**, S134
Structural equation modeling
Factors that affect functional status in patients with cancer-related pain, **132**, 82
Suppression
Peripheral and central components of habituation of heat pain perception and evoked potentials in humans, **132**, 301
Symptom distress
Factors that affect functional status in patients with cancer-related pain, **132**, 82
Systematic review
Health care practitioners' attitudes and beliefs about low back pain: A systematic search and critical review of available measurement tools, **132**, 91
Tactile allodynia
Oral and spinal melatonin reduces tactile allodynia in rats *via* activation of $MT_2$ and opioid receptors, **132**, 273
Thalamo-cortical loops
Shortened cortical silent period in facial muscles of patients with migraine, **132**, 124
TMJ
Blockade of central cyclooxygenase (COX) pathways enhances the cannabinoid-induced antinociceptive effects on inflammatory temporomandibular joint (TMJ) nociception, **132**, 23
Tongue
The effects of intra-oral pain on motor cortex neuroplasticity associated with short-term novel tongue-protrusion training in humans, **132**, 169
Tools
Health care practitioners' attitudes and beliefs about low back pain: A systematic search and critical review of available measurement tools, **132**, 91
Transcranial magnetic stimulation
Shortened cortical silent period in facial muscles of patients with migraine, **132**, 124
Transsexual
Cross-sex hormone administration changes pain in transsexual women and men, **132**, S60
Trigeminal nociceptive pathways
Trigeminal small-fibre function assessed with contact heat evoked potentials in humans, **132**, 102
Trigeminal pain
Trigeminal small-fibre function assessed with contact heat evoked potentials in humans, **132**, 102
TRPV1
The effects of the TRPV1 antagonist SB-705498 on TRPV1 receptor-mediated activity and inflammatory hyperalgesia in humans, **132**, 132
T-type $Ca^{2+}$ channel
Hydrogen sulfide as a novel nociceptive messenger, **132**, 74
Tumor necrosis factor-α
Differential expression patterns of cytokines in complex regional pain syndrome, **132**, 195
Ultrasonic vocalizations
Spinal CGRP1 receptors contribute to supraspinally organized pain behavior and pain-related sensitization of amygdala neurons, **132**, 53
Validation
Validation of the S-LANSS in the community setting, **132**, 189
Validation
Coping with fibromialgia: Usefulness of the Chronic Pain Coping Inventory-42, **132**, S68
Verbal Rating Scale
A rise in pain threshold during labor: A prospective clinical trial, **132**, S104
Visceral pain
Correlation between alexithymia and hypersensitivity to visceral stimulation in human, **132**, 252
Visceral pain
Dysmenorrhoea is associated with hypersensitivity in the sigmoid colon and rectum, **132**, S46
Viscero-visceral effects
Endometriosis-induced vaginal hyperalgesia in the rat: Effect of estropause, ovariectomy, and estradiol replacement, **132**, S150
Voxel-based morphometry
Striatal grey matter increase in patients suffering from fibromyalgia – A voxel-based morphometry study, **132**, S109

Vulvodynia
Endometriosis-induced vaginal hyperalgesia in the rat: Effect of estropause, ovariectomy, and estradiol replacement, **132**, S150
Women
Clinical course of chronic pelvic pain in women, **132**, S117
Work style
The effectiveness of a work style intervention and a lifestyle physical activity intervention on the recovery from neck and upper limb symptoms in computer workers, **132**, 142
Worry
Worry and chronic pain: A misdirected problem solving model, **132**, 233

Pain 132 (2007) 350–353

PAIN

www.elsevier.com/locate/pain

# Contents to Volume 132 (2007)

*Numbers 1–2 – November 2007*

**OBITUARY**

Paolo Procacci (1932–2007)
G. Varrassi (Italy) 1

**EDITORIALS**

Workstyle: It's probably time we address both biomechanical and biobehavioral approaches?
M. Feuerstein (USA) 3
Of mice and men: What can we predict from the effects of morphine in a mouse model of bone cancer?
V.K. Kontinen, E. Kalso (Finland) 5
Pain and motor system plasticity
D. Borsook (USA) 8
Spinal cord stimulation: Stimulating questions
J.A. Turner, R.A. Deyo, J.D. Loeser (USA) 10
Epidemiology of neuropathic pain: Can we use the screening tools?
M.I. Bennett, D. Bouhassira (UK, France) 12
Questions of balance in chronic pain
D.C. Manning (USA) 14
Forget about your chronic pain
T. Klein, W. Magerl, R.-D. Treede (Germany) 16

**TOPICAL REVIEW**

Current evidence for a modulation of nociception by human genetic polymorphisms
J. Lötsch, G. Geisslinger (Germany) 18

**RESEARCH PAPERS**

Blockade of central cyclooxygenase (COX) pathways enhances the cannabinoid-induced antinociceptive effects on inflammatory temporomandibular joint (TMJ) nociception
D.K. Ahn, H.S. Choi, S.P. Yeo, Y.W. Woo, M.K. Lee, G.Y. Yang, H.J. Jeon, J.S. Park, S.S. Mokha (Republic of Korea, USA) 23
Systemic administration of monosodium glutamate elevates intramuscular glutamate levels and sensitizes rat masseter muscle afferent fibers
B.E. Cairns, X. Dong, M.K. Mann, P. Svensson, B.J. Sessle, L. Arendt-Nielsen, K.M. McErlane (Canada, Denmark) 33
Modulation of persistent nociceptive inputs in the anterior pretectal nucleus of the rat
C.F. Villarreal, W.A. Prado (Brazil) 42
Spinal CGRP1 receptors contribute to supraspinally organized pain behavior and pain-related sensitization of amygdala neurons
H. Adwanikar, G. Ji, W. Li, H. Doods, W.D. Willis, V. Neugebauer (USA, Germany) 53
PLC-β3 signals upstream of PKC&z.epsiv; in acute and chronic inflammatory hyperalgesia
E.K. Joseph, O. Bogen, N. Alessandri-Haber, J.D. Levine (USA) 67
Hydrogen sulfide as a novel nociceptive messenger
A. Kawabata, T. Ishiki, K. Nagasawa, S. Yoshida, Y. Maeda, T. Takahashi, F. Sekiguchi, T. Wada, S. Ichida, H. Nishikawa (Japan) 74
Factors that affect functional status in patients with cancer-related pain
A.H. Vallerand, T. Templin, S.M. Hasenau, C. Riley-Doucet (USA) 82
Health care practitioners' attitudes and beliefs about low back pain: A systematic search and critical review of available measurement tools
A. Bishop, E. Thomas, N.E. Foster (UK) 91
Trigeminal small-fibre function assessed with contact heat evoked potentials in humans
A. Truini, F. Galeotti, E. Pennisi, F. Casa, A. Biasiotta, G. Cruccu (Italy) 102

Additional material available online.

doi:10.1016/S0304-3959(07)00615-X

D-Cycloserine reduces neuropathic pain behavior through limbic NMDA-mediated circuitry
M. Millecamps, M.V. Centeno, H.H. Berra, C.N. Rudick, S. Lavarello, T. Tkatch, A.V. Apkarian (USA) 108
Shortened cortical silent period in facial muscles of patients with migraine
A. Curra, F. Pierelli, G. Coppola, P. Barbanti, M.G. Buzzi, F. Galeotti, M. Serrao, A. Truini, C. Casali, F. Pauri, G. Cruccu (Italy) 124
The effects of the TRPV1 antagonist SB-705498 on TRPV1 receptor-mediated activity and inflammatory hyperalgesia in humans
B.A. Chizh, M.B. O'Donnell, A. Napolitano, J. Wang, A.C. Brooke, M.C. Aylott, J.N. Bullman, E.J. Gray, R.Y. Lai, P.M. Williams, J.M. Appleby (UK) 132
The effectiveness of a work style intervention and a lifestyle physical activity intervention on the recovery from neck and upper limb symptoms in computer workers
C.M. Bernaards, G.A.M. Ariëns, D.L. Knol, V.H. Hildebrandt (The Netherlands) 142
Morphine treatment accelerates sarcoma-induced bone pain, bone loss, and spontaneous fracture in a murine model of bone cancer
T. King, A. Vardanyan, L. Majuta, O. Melemedjian, R. Nagle, A.E. Cress, T.W. Vanderah, J. Lai, F. Porreca (USA) 154
The effects of intra-oral pain on motor cortex neuroplasticity associated with short-term novel tongue-protrusion training in humans
S. Boudreau, A. Romaniello, K. Wang, P. Svensson, B.J. Sessle, L. Arendt-Nielsen (Canada, Denmark, Italy) 169
Spinal cord stimulation versus conventional medical management for neuropathic pain: A multicentre randomised controlled trial in patients with failed back surgery syndrome
K. Kumar, R.S. Taylor, L. Jacques, S. Eldabe, M. Meglio, J. Molet, S. Thomson, J. O'Callaghan, E. Eisenberg, G. Milbouw, E. Buchser, G. Fortini, J. Richardson, R.B. North (Canada, UK, Italy, Spain, Australia, Israel, Belgium, Switzerland, USA) 179
Validation of the S-LANSS in the community setting
T.N. Weingarten, J.C. Watson, W.M. Hooten, P.C. Wollan, L.J. Melton, A.J. Locketz, G.Y. Wong, B.P. Yawn (USA) 189
Differential expression patterns of cytokines in complex regional pain syndrome
N. Üçeyler, T. Eberle, R. Rolke, F. Birklein, C. Sommer (Germany) 195

**CLINICAL NOTES**

Sudden amnesia resulting in pain relief: The relationship between memory and pain
D.S. Choi, D.Y. Choi, R.A. Whittington, S.S. Nedeljković (USA) 206
Nerve resection and re-location may relieve causalgia: A case report
C.P.N. Watson, J.N. Stinson, J.O. Dostrovsky, C. Hawkins, J. Rutka, C. Forrest (Canada) 211

**LETTERS TO THE EDITOR**

Comment on Ballantyne and LaForge, Opioid dependence and addiction during opioid treatment of chronic pain. Pain 2007;129:235–55
R.N. Jamison, E.L. Ross, A.D. Wasan, E. Michna (USA) 218
Ballantyne response to Jamison comment on opioid dependence and addiction during opioid treatment of chronic pain [Pain 2007;129:235–255]
J. Ballantyne (USA) 219
Brain excitability in migraine: Hyperexcitability or inhibited inhibition?
M. Valeriani, B. Fierro, F. Brighina (Italy) 219
Authors' reply to the letter to the Editor by Valeriani M, Fierro B, Brighina F regarding the published on-line article entitled "Shortened cortical silent period in facial muscles of patients with migraine", Pain 2007;132:124–31
A. Currà, F. Pierelli, G. Coppola, G. Cruccu (Italy) 220
Comment on Ballantyne JC, LaForge KS. Opioid dependence and addiction during opioid treatment of chronic pain
A. Tulchinsky (USA) 222
Response to Dr. Tulchinsky
J.C. Ballantyne, L. Stephen LaForge (USA) 223

*Number S1 – November 2007*

**EDITORIAL**

The IASP Global Year Against Pain in Women
B.J. Collett, K. Berkley (UK, USA) S1

**COMPREHENSIVE REVIEWS**

Modulation of pain by estrogens
R.M. Craft (USA) S3
Pain in women with HIV/AIDS
G. Gray, P. Berger (South Africa) S13

**TOPICAL REVIEW**

Pain and endometriosis
S. Evans, G. Moalem-Taylor, D.J. Tracey (Australia) S22

**CONSENSUS REPORT**

Studying sex and gender differences in pain and analgesia: A consensus report
J.D. Greenspan, R.M. Craft, L. LeResche, L. Arendt-Nielsen, K.J. Berkley, R.B. Fillingim, M.S. Gold, A. Holdcroft, S. Lautenbacher, E.A. Mayer, J.S. Mogil, A.Z. Murphy, R.J. Traub, the Consensus Working Group of the Sex, Gender & Pain SIG of the IASP (USA, Denmark, UK, Germany, Canada) S26

**RESEARCH PAPERS**

Dysmenorrhoea is associated with hypersensitivity in the sigmoid colon and rectum
W. Brinkert, G. Dimcevski, L. Arendt-Nielsen, A.M. Drewes, O.H.G. Wilder-Smith (The Netherlands, Denmark) S46
Predicting postherpetic neuralgia in elderly primary care patients with herpes zoster: Prospective prognostic study
W. Opstelten, N.P.A. Zuithoff, G.A. van Essen, A.M. van Loon, A.J.M. van Wijck, C.J. Kalkman, T.J.M. Verheij, K.G.M. Moons (The Netherlands) S52
Cross-sex hormone administration changes pain in transsexual women and men
A.M. Aloisi, V. Bachiocco, A. Costantino, R. Stefani, I. Ceccarelli, A. Bertaccini, M.C. Meriggiola (Italy) S60
Coping with fibromialgia: Usefulness of the Chronic Pain Coping Inventory-42
J. Garcia-Campayo, A. Pascual, M. Alda, M.T. Gonzalez Ramirez (Spain, Mexico) S68
Negative affect, pain and sex: The role of endogenous opioids
A.K. Frew, P.D. Drummond (Australia) S77
A preliminary investigation of affective interaction in chronic pain couples
A.B. Johansen, A. Cano (USA) S86
Influence of endometriosis on visceromotor and cardiovascular responses induced by vaginal distention in the rat
H. Nagabukuro, K.J. Berkley (USA) S96
A rise in pain threshold during labor: A prospective clinical trial
I. Ohel, A. Walfisch, D. Shitenberg, E. Sheiner, M. Hallak (Israel) S104
Striatal grey matter increase in patients suffering from fibromyalgia – A voxel-based morphometry study
T. Schmidt-Wilcke, R. Luerding, T. Weigand, T. Jürgens, G. Schuierer, E. Leinisch, U. Bogdahn (Germany) S109
Clinical course of chronic pelvic pain in women
P.T.M. Weijenborg, A. Greeven, F.W. Dekker, A.A.W. Peters, M.M. ter Kuile (The Netherlands) S117
Female rats are more vulnerable to the long-term consequences of neonatal inflammatory injury
J.L. LaPrairie, A.Z. Murphy (USA) S124
Sex differences in endogenous pain modulation by distracting and painful conditioning stimulation
R.L. Quiton, J.D. Greenspan (USA) S134
Endometriosis-induced vaginal hyperalgesia in the rat: Effect of estropause, ovariectomy, and estradiol replacement
K.J. Berkley, S.L. McAllister, B.E. Accius, K.P. Winnard (USA) S150

*Number 3 – 5 December 2007*

**EDITORIALS**

The treatment of neuropathic pain: From hubris to humility
N.I. Cherny (Israel) 225
How different is oxycodone from morphine?
E. Kalso (Finland) 227
Pain in patients with cancer: Still a long way to go
C.M. Reid, K. Forbes (UK) 229
Thanks for the memory...
S. Morley (UK) 231

**TOPICAL REVIEW**

Worry and chronic pain: A misdirected problem solving model
C. Eccleston, G. Crombez (UK, Belgium) 233

**REVIEW AND RECOMMENDATIONS**

Pharmacologic management of neuropathic pain: Evidence-based recommendations
R.H. Dworkin, A.B. O'Connor, M. Backonja, J.T. Farrar, N.B. Finnerup, T.S. Jensen, E.A. Kalso, J.D. Loeser, C. Miaskowski, T.J. Nurmikko, R.K. Portenoy, A.S.C. Rice, B.R. Stacey, R.-D. Treede, D.C. Turk, M.S. Wallace (USA, Denmark, Finland, UK, Germany) 237

**RESEARCH PAPERS**

Correlation between alexithymia and hypersensitivity to visceral stimulation in human
M. Kano, T. Hamaguchi, M. Itoh, K. Yanai, S. Fukudo (Japan) 252
Initial validation of the Behavioral Indicators of Infant Pain (BIIP)
L. Holsti, R.E. Grunau (Canada) 264
Oral and spinal melatonin reduces tactile allodynia in rats *via* activation of $MT_2$ and opioid receptors
M. Ambriz-Tututi, V. Granados-Soto (Mexico) 273

Revelation of a personal placebo response: Its effects on mood, attitudes and future placebo responding
S.K. Chung, D.D. Price, G.N. Verne, M.E. Robinson (USA) 281
Oxycodone and morphine have distinctly different pharmacological profiles: Radioligand binding and behavioural studies in two rat models of neuropathic pain
C.K. Nielsen, F.B. Ross, S. Lotfipour, K.S. Saini, S.R. Edwards, M.T. Smith (Australia) 289
Peripheral and central components of habituation of heat pain perception and evoked potentials in humans
W. Greffrath, U. Baumgärtner, R.-D. Treede (Germany) 301
High prevalence of pain in patients with cancer in a large population-based study in The Netherlands
M.H.J. van den Beuken-van Everdingen, J.M. de Rijke, A.G. Kessels, H.C. Schouten, M. van Kleef, J. Patijn (The Netherlands) 312
Neuropathic changes in equine laminitis pain
E. Jones, I. Viñuela-Fernandez, R.A. Eager, A. Delaney, H. Anderson, A. Patel, D.C. Robertson, A. Allchorne, E.C. Sirinathsinghji, E.M. Milne, N. MacIntyre, D.J. Shaw, N.K. Waran, J. Mayhew, S.M. Fleetwood-Walker (UK) 321

**CLINICAL NOTE**

Pain flashbacks following the July 7th 2005 London bombings
M.G. Whalley, E. Farmer, C.R. Brewin (UK) 332

**LETTERS TO THE EDITOR**

Aging: Blessing or danger for individuals with painful conditions
R.K. Banik (USA) 337
Response to Dr. Banik
H. Finne-Soveri, K. Pitkälä (Finland) 338

Author Index to Volume 132 339
Subject Index to Volume 132 343
Contents to Volume 132 350